



NITFS Compliance Registration



Product: Geomatica Focus Import/Export Module

Sponsor: PCI Geomatics

Developer: PCI Geomatics

Date: 19 March 2007

Expiration: 18 March 2009

Registration #: 2049

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

- NITF**
☒ V2.1
☒ V2.0
☐ V1.1

- NSIF**
☒ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☒ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☒ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☒ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☒ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☒ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ DIGEST GeoSDE
☐ PIAE
☐ IOMAPA
☐ RPFDES
☐ RPFHDR
☐ RPFIMG
☐ ICHIPB
☐ RPC00B
☐ STDIDC
☐ USE00A

Legend

- Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.